

TRIBHUVAN UNIVERSITY  
FACULTY OF MANAGEMENT  
Office of the Dean

Full Marks: 60  
Pass Marks: 30  
Time: 1.5 hrs.

January 2021

**BIM / Fifth Semester / IT 222: JAVA Programming II**

*Candidates are required to answer all the questions in their own words as far as practicable.*

[6 × 10 = 60]

Attempt any SIX Questions:

1. Write a program to create application in swing with two textfields, two labels and a button. When button is clicked the values entered in textfields are shown on the labels.
2. Write a program to display records from customer table of database named office. Values of customers to show are Name, Address, Contact and Email.
3. What is session? Write program to show how is session created in servlet.
4. Write different JSP tags with example.
5. Write steps to deploy Servlet in web server. Write a Servlet to display your country name and hobby.
6. How events are handled in Java? Explain ItemListener with an example.
7. Explain Layout manager. Differentiate between FlowLayout and GridLayout.
8. Write short note:
  - a) Applet
  - b) XML
  - c) Java Beans
  - d) JComboBox

